

Notice of Allowability

Application No.

09/987,816

Examiner

Raj K. Jain

Applicant(s)

YOSHIDA ET AL.

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/16/06.
2. ☒ The allowed claim(s) is/are 1,3-11 renumbered 1-10.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Daniel J. Stanger (703) 684-1120 on 20 October 2006.

Amend Claims 5, 7-11 as follows:

5. (currently amended) A method of connecting with an access point of an internet provider through a wirelessly communicable public line connecting device for connecting a mobile terminal provided with a wireless communication unit with ~~said a~~ public line connected to said wirelessly communicable public line connecting device, comprising the steps of:

storing connection information, as to said public line, of said internet provider to be connected, in a database provided in each carrier of said wirelessly communicable public line connecting device;

enabling said mobile terminal to detect ~~a-said~~ wirelessly communicable public line connecting device; and

obtaining said stored connection information and line information of said internet provider from said detected wirelessly connected public line connecting device, so as to

obtain best-suited carrier lines and internet providers, and to determine a wirelessly communicable public line connecting device and an internet provider to be connected, for connecting said mobile terminal with the internet.

7. (currently amended) A method as claimed in claim 5, further comprising the step of connecting said mobile terminal with ~~one of the~~ an access points obtained point of said internet provider via said wirelessly communicable public line connecting device detected by said mobile terminal.

8. (currently amended) A method as claimed in claim 5, further comprising the step of obtaining toll information of said wirelessly communicable public line connecting device through said mobile terminal.

9. (currently amended) A method as claimed in claim 8, further comprising the step of visually outputting the ~~access point~~ connection information and the toll information ~~obtained by said mobile terminal~~ to the user of said mobile terminal.

10. (currently amended) A method as claimed in claim 8, further comprising the step of connecting ~~one~~ an access point selected through the wirelessly communicable public line connecting device ~~selected on~~ in accordance with the ~~access point connection~~ information and the toll ~~obtained by said mobile terminal~~ information.

11. (currently amended) A method as claimed in claim 5,
wherein the step of obtaining the stored connection information ~~about the access~~
~~point of the internet provider from said detected public connecting device~~ includes the
substeps of:

enabling said mobile terminal to provide said wirelessly communicable public line
connecting device with information for specifying one ~~provider; and~~ internet provider;

retrieving ~~the an~~ access point corresponding to the information for specifying the
internet provider received by said wirelessly communicable public line connecting
~~device device;~~ and

transmitting said retrieved access point to said mobile terminal.

Allowable Subject Matter

The following is a statement of reasons for the indication of allowable subject
matter:

Claims 1 and 5 are allowed.

The prior art discloses a method for connecting a portable computer and/or a
mobile terminal to an internet provider via public line connecting device.

The prior art however fails to disclose wherein the computer or mobile terminal is
connected to a public phone, and said computer obtains connection information from a
database provided in the carrier of said public phone as to connected public phones to
obtain best-suited carrier lines and providers, and to determine a public phone and a
service provider to be connected, for connecting said computer with the internet.


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Raj K. Jain whose telephone number is 571-272-3145. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chi Pham can be reached on 571-272-3179. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

RJ
October 20, 2006


CHI PHAM
SUPERVISORY PATENT EXAMINER 10/24/06